

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application Of:
Paul Steinway

Serial No.: 09/537,023

Filed: March 28, 2000

Title: Hybrid Combined Cycle Power
Generation Facility



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Examiner: Enad, E.

Group Art Unit: 2834

Docket No.: 046614.008017

#6/1th to the
Draftsman
D. Evans
2-9-02

LETTER TO OFFICIAL DRAFTSMAN

Box: Non-Fee Amendment
The Honorable Commissioner
of Patents & Trademarks
Washington, D.C. 20231

Dear Sir:

In response to the Office Action mailed September 13, 2001, please make the noted changes to the drawings of Figures 1-3 attached as indicated with highlighting. Please charge Deposit Account No. 50-0259 Bracewell & Patterson, LLP for any required comparison fee or other charges related to the filing of these drawings.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "Mark A. Tidwell".

Mark A. Tidwell
Registration No. 37,456

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[Signature]

Fig. 1
(Prior Art)



The diagram illustrates a dual-fuel power plant system (30) designed for efficient energy conversion. It consists of two parallel gas turbine engines, labeled 40 and 31, each equipped with a compressor, a combustor, and a turbine. Fuel is supplied to the combustors of both engines. The exhaust from these engines is directed to two separate Heat Recovery Steam Generators (HRSG), labeled 42 and 32. Water (H₂O) is supplied to the HRSG units, which generate steam (44 and 36). This steam is then used in a steam cycle, where it drives a steam turbine (52 and 54) to produce additional power. The system is designed to maximize the utilization of the fuel energy by combining the high-efficiency gas turbine cycle with the high-pressure-temperature steam cycle.